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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

Sheet	1	of	6
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**Complete if Known**

Application Number	10/623.395
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Filing Date	7-18-2003
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First Named Inventor	Hu, Michael Z.
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## Art Unit

**Examiner Name**

Attorney Docket Number	1066.0
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## U. S. PATENT DOCUMENTS

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**FOREIGN PATENT DOCUMENTS**

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (If known)				
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**Examiner  
Signature**

Date  
Considered

8.24.2005

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		Filing Dat	7-18-2003
		First Named Inventor	Hu, Michael Z.
		Art Unit	
		Examiner Name	
Sheet 2	of 6	Attorney Docket Number	1066.0

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
TSK	4	MAHANDRIMANANA, A. et al., "Nonhydrolytic Sol-Gel Process: Aluminum and Zirconium Titanate Gels," 1997, p. 89-93, 8	—
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TSK	6	AZOUGH, F. et al., "The Relationship Between the Microstructure and Microwave...", J. Mater. Sci., 1996, p. 2539-2549, 31	—
TSK	7	BATEMAN, C. et al., "CAD Representation of the Systems ZrO2-MgO-TiO2 and...", Physica B, 1988, p. 122-128, 150	—
TSK	8	BIANCO, A. et al., "Zirconium Titanate: from Polymeric Precursors to Bulk Ceramics," J. Eur. Cer. Soc., 1998, p. 1235-1243, 18	—
TSK	9	BIANCO, A. et al., "Zirconium Titanate Microwave Dielectrics Prepared via Polymeric Precursor Route," J. Eur. Cer. Soc., 1999, p. 959-963, 19	—
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TSK	11	BHATTACHARYA, A. et al., "Inorganic Sol Gel Synthesis of Zirconium Titanate Fibres," J. Mater. Sci., 1996, p. 5583-5586, 31	—
TSK	12	BHATTACHARYA, A. et al., "Sol Gel Preparation, Structure and Thermal Stability...", J. Mater. Sci., 1996, p. 267-271, 31	—
TSK	13	BONHOMME-COURY, L. et al., "Preparation of Al2TiO5-ZrO2 Mixed Powders via Sol-Gel Process, J. Sol Gel Sci. & Technol., 1994, p. 371-375, 2	—

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Sheet 3	of 6	Attorney Docket Number	1066.0

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TDK	14	CHEN, D. et al., "Hydrothermal Synthesis and Characterization of Crystalline ZrxTi1-xO4...", J. Mater. Sci. 1999, 1379-1383, 34	—
TDK	15	CERQUEIRA, M. et al., "Synthesis and Characterization of PLZT (9/65/35) by the Pechini Method and Partial Oxalate," Mater. Lett., 1998, 166-171, 35	—
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TDK	17	ELLIS, S. et al., "Powder Synthesis Research at CAMP," Cer. Bull., 1989, 988-994, 68	—
TDK	18	HIRANO, S. et al., "Chemical Processsing and Microwave Characteristics...", J. Am. Ceram. Soc., 1991, 1320-24, 74	—
TDK	19	HU, M. et al., "Sol-Gel and Ultrafine Particle Formation via Dielectric Tuning of Inorganic Salt...", J. Colloid Inter. Sci., 2000, 20-36, 222	—
TDK	20	HU, M. et al., "Wet-chemical Synthesis of Monodispersed Barium Titanate Particles...", J. Powder Technol., 2000, 2-14, 110	—
TDK	21	HU, M. et al., "Homogeneous (co)precipitation of Inorganic Salts for Synthesis...", J. Mater. Sci., 2000, 2927-2936, 35	—
TDK	22	IKAWA, H. et al., "X-ray Photoelectron Spectroscopy Study of High and Low-Temperature Forms...", J. Am. Ceram. Soc., 1991, 1459-62, 74	—
TDK	23	IKAWA, H. et al., "Phase Transformation and Thermal Expansion...", J. Am. Ceram. Soc., 1988, 120-27, 71 (2)	—

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		Application Number	10/623,395
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Sheet 4	of 6	Attorney Docket Number	1066.0

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TSK	24	ISOBE, T. et al., "Mechanochemical Synthesis of ZrTiO <sub>4</sub> Precursor From Inhomogeneous Mixed Gels," Mater. Res. Soc. Symp. Proc., 1994, 273-77, 346	—
TSK	25	KARAKCHIEV, L. et al., "Low-Temperature Synthesis of Zirconium Titanate," Inorg. Mater., 2001, 386-390, 37	—
TSK	26	KHAIRULLA, F. et al., "Chemical Synthesis and Structural Evolution of Zirconium Titanate, Mater. Sci. Eng., 1992, 327-336, B12	—
TSK	27	KOMARNENI, S. et al., "Sol-Gel Processing of Some Electroceramic Powders," J. Sol-Gel Sci. Technol., 1999, 263-270, 15	—
TSK	28	KREBS, M. et al., "A Raman Spectral Characterization of Various Crystalline Mixtures...", J. Mater. Sci. Lett., 1988, 1327-1330, 7	—
TSK	29	LEITE, E. et al., "Particle Growth During Calcination of Polycation Oxides Synthesized by the Polymeric Precursors Method," J. Am. Ceram. Soc. 1997, 2649-57, 80	—
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TSK	33	McHALE, A. et al., "Low-Temperature Phase Relationships in the System ZrO <sub>2</sub> -TiO <sub>2</sub> , J. Am. Ceram. Soc., 1986, 827-32, 69.	—

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Sheet 5	of 6	Attorney Docket Number	1066.0

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TSK	34	MONTANARO, L. et al., "Preparation of Microspheres from an Alumina-Zirconia Sol," Ceram. Bull., 1989, 1017-20, 68(5)	—
TSK	35	MOON, Y. et al., "Preparation of Monodisperse ZrO <sub>2</sub> by the Microwave Heating of Zirconyl Chloride Solutions," J. Am. Ceram. Soc., 1995, 1103-1106, 78	—
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TSK	41	PARK, H. et al., "Effect of Solvent on Titania Particle Formation and Morphology in Thermal Hydrolysis of TiCl <sub>4</sub> ," J. Am. Ceram. Soc., 1997, 743-49, 80(3)	—
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TSK	43	SEKAR, M. et al., "Hydrazine Carboxylate Precursors to Fine Particle...", Mat. Res. Bull., 1993, 485-492, 28	—

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TJK	44	SHAM, E. et al., "Zirconium Titanate from Sol-Gel Synthesis: Thermal Decomposition and Quantitative Phase Analysis," J. Solid State Chem., 1998, 225-32, 139	—
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TJK	52	STUBICAR, M. et al., "Microstructure Evolution of an Equimolar Powder Mixture of ZrO <sub>2</sub> -TiO <sub>2</sub> ...", J. Alloys and Compounds, 2001, 316-320, 316	—
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